a' cancel'd.

generating element by a first temperature sensor. Next the method of controlling a rotation speed includes detecting a temperature of the second heat generating element by a second temperature sensor. Finally, the method includes controlling the rotation speed of the cooling fan, based on the temperatures respectively detected by the first and second temperature sensors, and causing a power source to be turned off when at least the temperature detected by the first temperature sensor exceeds a predetermined value.

IN THE CLAIMS:

Please cancel Claims 5, 10, 12-14, 16-17, and 19 without prejudice or disclaimer.

Please amend the claims as follows:

a2 cont.

sub. B1

1. (Amended) A computer system comprising:

a first heat generating element in which a heat generation amount is changed;

a second heat generating element;

a fan configured to cool the first and second heat generating elements;

a first temperature sensor configured to detect a temperature of the first heat generating element;

a second temperature sensor configured to detect a temperature of the second heat generating element; and

a controller configured to control a rotation speed of the cooling fan, based on the temperatures detected by the first and second temperature sensors, the controller being

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

a3 cont'd B'

configured to cause a power source to be turned off when at least the temperature detected by the first temperature sensor exceeds a predetermined value.

a3 B'

6. (Amended) A method of controlling a rotation speed of a cooling fan in a computer system including a first heat generating element in which a heat generation amount is changed and a second heat generating element, the method comprising:

cooling the first and second heat generating elements by a fan;

detecting a temperature of the first heat generating element by a first temperature sensor;

detecting a temperature of the second heat generating element by a second temperature sensor;

controlling the rotation speed of the cooling fan, based on the temperatures respectively detected by the first and second temperature sensors; and

causing a power source to be turned off when at least the temperature detected by the first temperature sensor exceeds a predetermined value.

a4 cont. B'

11. (Amended) A computer system comprising:

a CPU;

a power source circuit different from the CPU;

a fan configured to cool the CPU and the power source circuit;

a first temperature sensor configured to detect a temperature of the CPU;

a second temperature sensor configured to detect a temperature of the power source circuit; and

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

a controller configured to control the fan to cool the power source circuit, if the second temperature sensor detects the temperature at which the power source circuit should be cooled, in a state where the temperature of the CPU does not exceed a predetermined value at which the CPU should be cooled.

15. (Amended) A method of controlling a rotation speed of a cooling fan in a computer system including a CPU and a power source circuit different from the CPU, the method comprising:

cooling the CPU and the power source circuit by a fan;

detecting a temperature of the CPU by a first temperature sensor;

detecting a temperature of the power source circuit by a second temperature sensor; and

controlling the fan to cool the power source circuit, if the second temperature sensor detects the temperature at which the power source circuit should be cooled, in a state where the temperature of the CPU does not exceed a predetermined value at which the CPU should be cooled.

18. (Amended) A method of controlling a rotation speed of a cooling fan in a computer system, the method comprising:

cooling a CPU and a heat generating element by a fan, by introducing cooling gas to the CPU and further introducing the cooling gas to the heat generating element through the CPU, the CPU capable of operating in at least two kinds of states having

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

respectively different heat generation levels, and the heat generating element different from the CPU;

detecting a temperature of the CPU by a first temperature sensor;

detecting a temperature of the heat generating element by a second temperature sensor; and

controlling the fan to rotate at a first rotation speed if the first temperature sensor detects a temperature at which the CPU should be cooled and if the second temperature sensor does not detect a temperature at which the heat generating element should be cooled, controlling the fan to rotate at a second rotation speed higher than the first rotation speed if the first temperature sensor does not detect the temperature at which the CPU should be cooled and if the second temperature sensor detects the temperature at which the heat generating element should be cooled, and controlling the fan to rotate at a third rotation speed higher than the second rotation speed if the first temperature sensor detects the temperature at which the CPU should be cooled and if the second temperature sensor detects the temperature at which the heat generating element should be cooled.

Please add Claims 20-26 as follows:

--20. (New) The computer system according to claim 11, wherein:

the CPU is capable of operating at a first frequency and a second frequency higher than the first frequency and brought into different heat generation states, respectively, in correspondence with the frequencies; and

FINNEGAN HENDERSON FARABOW GARRETT & DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

a5 cont.

the controller controls the fan to cool the power source circuit, if the second temperature sensor detects the temperature at which the power source circuit should be cooled, in a state where the CPU operates at the first frequency and the temperature of the CPU does not exceed the predetermined value at which the CPU should be cooled.

B'

21. (New) The method according to claim 15, wherein:

the CPU is capable of operating at a first frequency and a second frequency higher than the first frequency and brought into different heat generation states, respectively, in correspondence with the frequencies; and

the controlling includes controlling the fan to cool the power source circuit, if the second temperature sensor detects the temperature at which the power source circuit should be cooled, in a state where the CPU operates at the first frequency and the temperature of the CPU does not exceed the predetermined value at which the CPU should be cooled.

22. (New) A computer system comprising:

a first heat generating element;

a second heat generating element;

a first temperature sensor configured to detect a temperature of the first heat generating element;

a second temperature sensor configured to detect a temperature of the second heat generating element;

a fan configured to cool the first and second heat generating elements; and

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

a controller configured to control the fan to i) rotate at a first rotation speed if the temperature detected by the first temperature sensor exceeds a first value and the temperature detected by the second temperature sensor does not exceed a second value, and ii) rotate at a second rotation speed higher than the first rotation speed if the temperature detected by the first temperature sensor does not exceed the first value and the temperature detected by the second temperature sensor exceeds the second value.

23. (New) The computer system according to claim 22, wherein the controller controls the fan to rotate at a third rotation speed higher than the second rotation speed if the temperature detected by the first temperature sensor exceeds the first value and the temperature detected by the second temperature sensor exceeds the second value.

24. (New) The computer system according to claim 22, wherein the first heat generating element is located closer to the fan than the second heat generating element.

25. (New) The computer system according to claim 24, wherein the first heat generating element is a CPU, and the second heat generating element is a power source circuit.

26. (New) The computer system according to claim 25, wherein:

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com